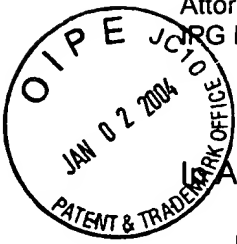


#3A/1-11-04  
V. Jones

Attorney Docket No. 109897-129946  
PRG No. P017

Patent



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Richard B. Keller

Application No.: 09/884,312

Filed: 06/18/2001

For: Fast Cyclical Redundancy Check  
(CRC) Generation

Examiner: John P. Trimmings

Art Unit: 2133

Confirmation No.: 4827

**RECEIVED**

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Technology Center 2100

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Typed or Printed: Heather L. Adamson

Signature: Heather L. Adamson Date: 12/29/03

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

**INTRODUCTORY COMMENTS**

This communication is submitted in response to the Office Action mailed September 29, 2003. In this Office Action the drawings are objected to as failing to comply with 37 CFR 1.84(p)(5); the disclosure and claim 20 are objected to because of various drafting informalities; claims 5, 6, 7, 16, 17, 18, 24, 25, and 26 are rejected under 35 USC 112 as being incomplete for omitting essential structural cooperative relationships of elements; claim 9 is rejected under 35 USC 112 as being indefinite for failing to particularly point out and distinctly claim the subject matter of the invention; claim 1 is rejected under 35 USC 102(b) as being fully anticipated by Huber Shih et al., U.S. Patent No. 4937828 (hereinafter "Shih"); claims 12-15 are rejected under 35 USC

102(b) as being fully anticipated by IBM Technical Disclosure Bulletin NN901051, dated October 1, 1990 (hereinafter "NN901051"); claim 20 is rejected under 35 USC 103(a) as being unpatentable over Guido Albertango et al., "Parallel CRC Generation," October, 1990 (hereinafter "Albertango"); claims 2-6 and 8 are rejected under 35 USC 103(a) as being unpatentable over Shih in view of NN901051; claims 10 and 11 are rejected under 35 USC 103(a) as being unpatentable over Shih; claims 21-23 are rejected under 35 USC 103(a) as being unpatentable over Albertango in view of Shih and further in view of NN9010501; claim 19 is rejected under 35 103(a) as being unpatentable over NN901051; and claim 27 is rejected under 35 USC 103(a) as being unpatentable over Albertango in view of NN901051. Reconsideration of the above captioned application in view of the amendments and remarks to follow is respectfully requested.

Claims 1-27 are pending. Claims 1 and 15 have been amended to correct inadvertent typographical errors. Claim 20 has been amended to correct a minor grammatical error. None of the amendments were done for the purpose of overcoming prior art and no new matter has been added.